Technical Data Sheet



DPDT Ramses SMA 3GHz Failsafe 12Vdc TTL Diodes Pins Terminals

PAGE 1/2 ISSUE 22-03-22 SERIE : DPDT PART NUMBER : **R577312102**

RF CHARACTERISTICS

Frequency range : 0 - 3 GHz Impedance : 50 Ohms

Frequency (GHz)	DC - 3
VSWR max	1.20
Insertion loss max	0.20 dB
Isolation min	80 dB
Average power (*)	240 W

ELECTRICAL CHARACTERISTICS

Actuator : FAILSAFE
Nominal current ** : 340 mA

Actuator voltage (Vcc) : 12V (10.2 to 13V)

Terminals : solder pins (250°C max. / 30 sec.) TTL inputs (E) - High level : 2.2 to 5.5 V / $800\mu A$ at 5.5 V

- Low level : 0 to 0.8 V / $20\mu A$ at 0.8 V

MECHANICAL CHARACTERISTICS

Connectors : SMA female per MIL-C 39012

Life : 2.5 million cycles

Switching Time*** : < 15 msConstruction : Splashproof
Weight : < 100 g

ENVIRONMENTAL CHARACTERISTICS

Operating temperature range : -40°C to +85°C Storage temperature range : -55°C to +85°C

(* Average power at 25°C per RF Path)

(** At 25° C ±10%)

(*** Nominal voltage; 25° C)



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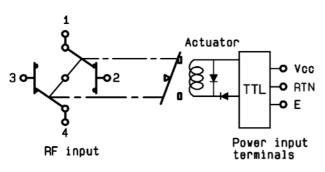


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PAGE 2/2 ISSUE **22-03-22** SERIE: DPDT PART NUMBER: **R577312102 DRAWING** 0.909 23.10 \oplus **LABEL** E GND Vcc **RADIALL®** 4 x M3 R577312102 depth 3.50 0 - 3 GHz Un: 12V 0.138 min.] 3.50 min. Lot : _ _ _ _ 0.303 max. [1.555 max.] 39.50 max. General tolerances: ±0,5 mm [0,02 in]

SCHEMATIC DIAGRAM

Position: De energized



TTL input	RF Continuity
E = 1	$1 \leftrightarrow 3 / 2 \leftrightarrow 4$
E = 0	$1 \leftrightarrow 2 / 3 \leftrightarrow 4$

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